Winnie the pooh

This toy could help you find **speed,** to do that you have to place the cart at one point which would be the starting point pushed the cart across a measured **distance** and time how long it took the cart to get from the starting point to the end point. After you have the exact **time** you divide the distance (from the starting point to the end point) by the time it took the toy to travel that distance and the result of that will be the speed of the cart.

You can also find **momentum** with the use of this toy, by taking the **weight** of the toy and multiplying it by the already known speed of the cart and that will give you the momentum of the toy.

**Acceleration** is also something that can be figure out with the help of this toy, to do that you have to again use the already know velocity of the cart which will be consider as the **initial velocity** and give it an extra push and then measured the velocity of the toy after the extra push and that will be the **final velocity**. Time how long it took the toy to get from the initial velocity to the final velocity, subtract the initial velocity from the final velocity and divide it by the **time** and it will give you the acceleration of the cart.

After you have figured out the **acceleration** and the **mass** of the toy. It can also help you figure out **force,** and with force you can also find the **work** you put into it while pushing trhough a measured distance. It could also help you find **power**. Its an ecxellent toy for a physics teacher. You wont regret buying it!